



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Hao et al.

Confirmation No.:

Application No.: 09/847,390

Examiner: Channavajjala

Filing Date: May 2, 2001

Group Art Unit: 2177

Title: Method and System for Web-Based Visualization of Directed Association and Frequent Item Sets in Large Volumes of Transaction Data

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Commissioner for Patents  
PO Box 1450  
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OCT 29 2003

Technology Center 2100

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- ( ) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97 (c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
(X) a \$180.00 fee under 37 CFR 1.17(p), or  
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- ( ) under 37 CFR 1.97 (d) together with a:  
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( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

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Typed Name: Tracey M. Dotter

Signature: Tracey M. Dotter

Respectfully submitted,

Hao et al.

By

LeRoy D. Maunu

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400



PATENT APPLICATION

ATTORNEY DOCKET NO. 10003407-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ming C. Hao, Umeshwar Dayal, Meichun Hsu, Markus Gross Thomas Sprenger

Serial No.:

Examiner:

Filing Date: May 2, 2001

Group Art Unit:

Title: METHOD AND SYSTEM FOR WEB-BASED VISUALIZATION OF DIRECTED ASSOCIATION  
AND FREQUENT ITEM SETS IN LARGE VOLUMES OF TRANSACTION DATA

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

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OCT 29 2003

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Date of Deposit May 2, 2001

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By

Typed Name: ERIC HO

Respectfully submitted,

Ming C. Hao, Umeshwar Dayal,

By

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Attorney/Agent for Applicant(s)  
Reg. No. 39,711

Date: May 2, 2001